

# Conductive Sensors Level Probes Types VT, VTI

CARLO GAVAZZI



- Excellent resistance to chemicals
- Teflon housing
- 1 to 4 electrodes
- Isolated (teflon) or unisolated electrodes
- Cable connection
- 1 1/2" pipe thread according to ISO 228/1-Gx"



## Product Description

Level sensor for measuring the level of conductive liquids, i.e. max./min. control of charging for discharging. The function is determined by the amplifier relay used. The sensors are delivered with

standard length electrodes - these are cut off to suit the application. The teflon housing makes the sensor excellent for use in rough environments.

## Ordering Key

**VTI 4**

Type \_\_\_\_\_  
Housing material \_\_\_\_\_  
Isolated \_\_\_\_\_  
Number of electrodes \_\_\_\_\_

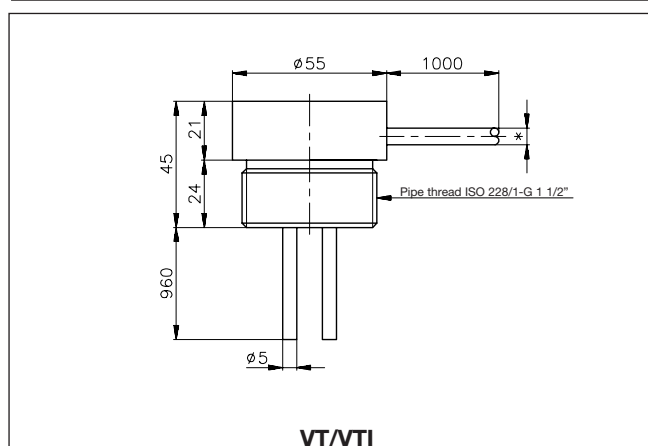
## Type Selection

Pipe thread	Electrode isolation	Ordering no. 1 electrode	Ordering no. 2 electrodes	Ordering no. 3 electrodes	Ordering no. 4 electrodes
1 1/2"	No	VT 1	VT 2	VT 3	VT 4
1 1/2"	Yes	VTI 1	VTI 2	VTI 3	VTI 4

## Specifications

<b>Electrodes</b>	
Isolation	Teflon (PTFE)
VTI	Stainless steel
Material	AISI316/DIN1.4401
Standard length	100 cm
Diameter	Ø 5 mm
<b>Housing</b>	
Material	Teflon (PTFE)
Connection	Cable (silicone), 100 cm
<b>Environment</b>	
Degree of protection	IP 67
Operating temperature	0 to +145°C (+32° to +275°F)
Storage temperature	-40° to +160°C (-40° to +320°F)
Pressure	4 bar at 143°C
<b>CE marking</b>	IEC 529

## Dimensions



## Mode of Operation

The length of the electrodes determines the levels which will be detected and the amplifier chosen determines the function (see SV..., S195/196, S1961, ELA, ELC or ELD). If the container is

made of a conductive material this can be used as common electrode.

## Accessories

Extension joint for Ø5 mm electrodes:

**VD1**